

IDS-13802/14

1051sh

- ✓ *pub*
Pat 1. A collapsible table base for supporting a table top in a generally horizontal
- 2 position above a generally horizontal floor, said table base comprising:
- 10 a top portion disposed in a generally horizontal plane, the top portion comprising
- 4 a plurality of releasably interconnected horizontal members;
- 70, 42, 26, 78 a support portion for supporting the top portion in the generally horizontal plane,
- 6 the support portion comprising a plurality of elongated members releasably
- 14, 16, 18, 20 interconnected to one another, the elongated members including leg members having
- 14, 16, 18, 20
- 8 lower ends for engaging the floor; and
- See Fig. 7 & 8 removable structural fittings releasably interconnecting the top portion and the
- 10 support portion so as to form a generally rigid base.

- ✓ 2. The table base according to claim 1, wherein all of the horizontal and the
- 2 elongated members are straight.

- ✓ 3. The table base according to claim 1, further comprising replaceable
- 2 polymerized sheathing surrounding each of the horizontal members and each of the
- elongated members, the sheathing having an inner diameter equal to or greater than the
- 4 outer diameter of the members.

- ✓ 4. The table base according to claim 1, wherein each of the horizontal and
- 2 elongated members are hollow metal tubes.

✓
2 5. The table base according to claim 4, wherein at least one of the structural fittings comprises a slip-in fitting having a base with a radiused end surface matching the outer diameter of one of the tubes, the fitting further having an engagement member extending from the base, the engagement member configured to engage the inner diameter of one of the tubes.

✓
2 6. The table base according to claim 5, wherein the slip-in structural fitting further comprises a connector operable to connect the fitting to one of the tubes such that the end surface mates with the outer diameter of the tube.

✓
2 7. The table base according to claim 5, wherein the base of the slip-in structural fitting has an outer diameter substantially the same as the outer diameter of the tube engaged by the engagement member.

✓
2 8. The table base according to claim 5, wherein the engagement member comprises a pair of engagement fingers shaped to fit into the inner diameter of the tube engaged by the engagement member.

2 9. The table base according to claim 4, wherein at least one of the structural fittings comprises a slip-on fitting having an inner diameter greater than or equal to the outer diameter of one of the tubes.

10. The modular office cubicle system according to claim 9, wherein the slip-
on structural fitting further comprises a set screw operable to press against the tube such
that the fitting grips the tube.

Not selected

- ✓ *sub* 11. A collapsible table base for supporting a table top in a generally horizontal
position above a generally horizontal support surface, said table base comprising:

14, 16, 18, 20
four spaced apart generally vertical legs each having a lower end configured to
contact the support surface and an upper end, each of the legs having a height and an
outer diameter;

60, 64.7
replaceable polymerized sheathing surrounding each of the legs, the sheathing
having an inner diameter equal to or greater than the outer diameter of the legs;

22, 24, 28, 30
a plurality of spaced apart horizontal rails for supporting the table top, said
horizontal rails interconnected with the upper ends of the legs, each of the horizontal rails
having an outer diameter and a length; and

60
replaceable polymerized sheathing surrounding each of the horizontal rails, the
sheathing having an inner diameter equal to or greater than the outer diameter of the
horizontal rails.

Not selected

- ✓ 12. The table base according to claim 11, wherein said plurality of horizontal
rails comprises:

22, 24
a first pair of parallel spaced apart horizontal rails, each rail extending between
the upper end of two of the vertical legs and having a first end and a second end; and

IDS-13802/14
10511sh

^{28, 30}
a second pair of parallel spaced apart horizontal rails, one rail extending between
6 the first ends of the first pair of horizontal rails and the other rail extending between the
second ends of the first pair of horizontal rails.

✓ 13. The table base according to claim 11, further comprising a first leg brace ³⁶
2 extending between two of said legs between the lower and upper ends thereof, the leg
brace having a first end interconnected with one leg and a second end interconnected with
4 the other leg.

✓ 14. The table base according to claim 11, wherein the sheathing extends
2 substantially the entire height of the legs and the entire length of the horizontal rails.

15. A collapsible table base for supporting a table top in a generally horizontal
2 position above a generally horizontal support surface, said table base comprising:

^{14, 16, 18, 20}
four spaced apart generally vertical legs comprising a left front corner leg, a right
4 ²⁰ front corner leg, a left rear corner leg, and a right rear corner leg, each of the legs having
a lower end configured to contact the support surface and an upper end;

^{22, 24}
6 a first pair of parallel spaced apart horizontal rails, one rail extending between the
upper end of ²² the left rear corner leg and the upper end of the left front corner leg, the
8 ²⁴ other rail extending between the right rear corner leg and the right front corner leg, each
of the rails having a front end and a rear end;

- 10 a second pair of parallel spaced apart horizontal rails, one rail extending between
the front ends of the first pair of horizontal rails and the other ²⁸ rail extending between the
12 rear ends of the first pair of horizontal rails, each of the second pair of horizontal rails
having a left end and right end;
- 14 a first leg brace ³⁶ having a first end interconnected with the left rear leg brace
between the upper and lower ends thereof and a second end interconnected with the left
16 front leg brace between the upper and lower ends thereof, the first leg brace having a
midportion between the first and second ends; and
- 18 an extension ³² portion having a horizontal member having ends interconnected with
the left ends of the second pair of horizontal rails and a midportion therebetween, the
20 extension portion further having a support ⁴⁰ member extending between the midportion of
the first leg brace and the midportion of the horizontal member.

16. A collapsible table base for supporting a table top in a generally horizontal
2 position above a generally horizontal support surface, said table base comprising:
- a support portion comprising four spaced apart generally vertical legs comprising
4 a left front corner leg, a right front corner leg, a left rear corner leg, and a right rear
corner leg, each of the legs having a lower end configured to contact the support surface
6 and an upper end;
- a horizontal top portion supported by the support portion, the top portion
8 comprising a first pair of parallel spaced apart horizontal rails, one rail extending between
the upper end of the left rear corner leg and the upper end of the left front corner leg, the

IDS-13802/14
10511sh

10 other rail extending between the right rear corner leg and the right front corner leg, each
of the rails having a front end and a rear end disposed outboard of the legs; and
12 a ^{32, 34} perimeter rail system interconnected with the front and rear ends of the
horizontal rails and defining the outer perimeter of the table base, the perimeter rail
14 system and the horizontal top portion being disposed in a generally horizontal plane.

17 A collapsible table base for supporting a table top in a generally horizontal
2 position above a generally horizontal floor, said table base comprising:

a plurality of generally vertical leg members having lower ends configured to
4 contact the floor and upper ends spaced therefrom;

a plurality of triangular structures each having a base member and a pair of side
6 members interconnected with structural fittings so as to define a generally triangular
shape, each of the side members of the triangular structures being interconnected with the
8 upper end of one of the legs, the triangular structures being supported by the legs such
that the bases are disposed in a generally horizontal plane with the side members angling
10 downwardly therefrom; and

a plurality of releasable structural fittings removably interconnecting the leg
12 members with the triangular structures so as to form a generally rigid base.

*add
a3*